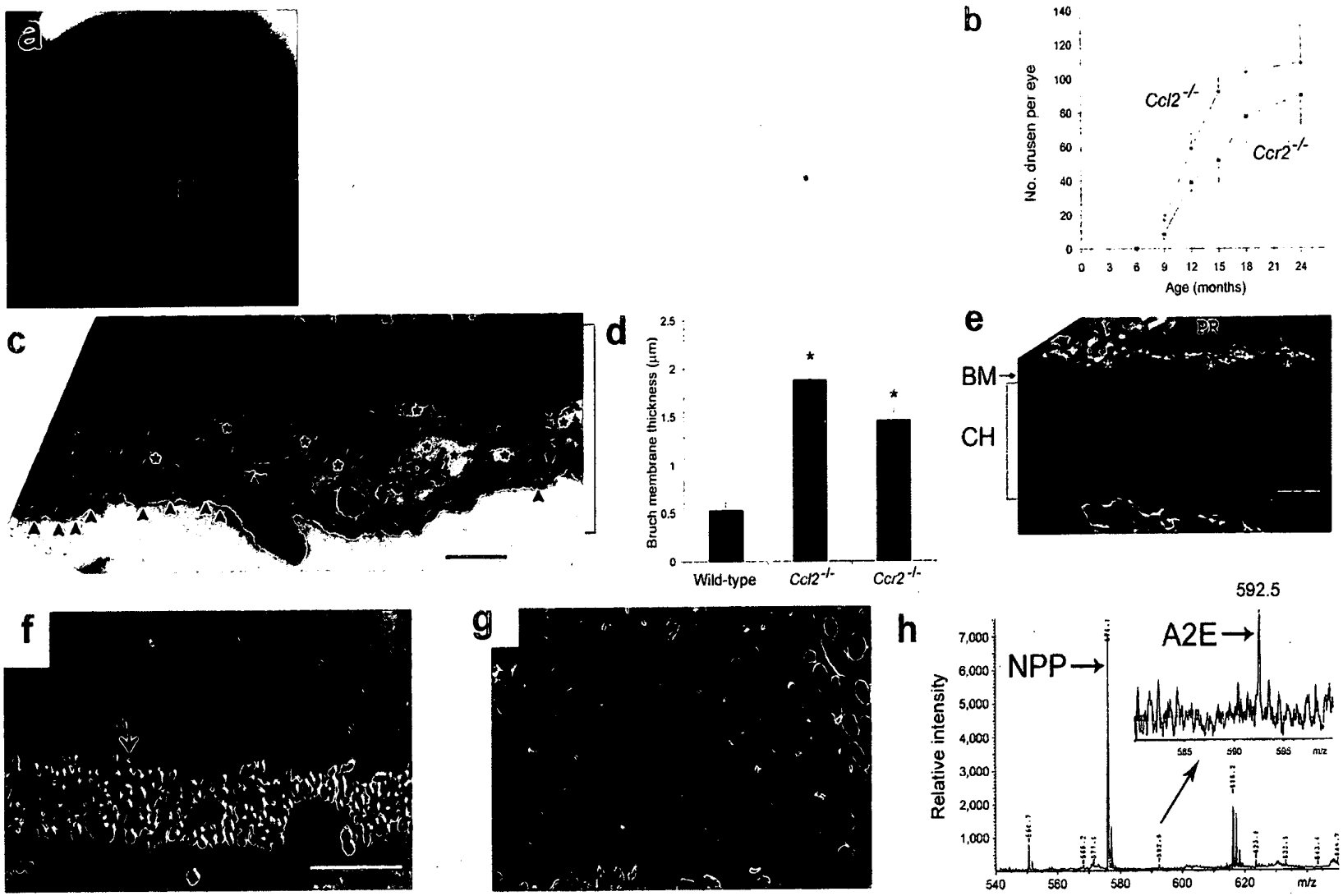

a
b
No. drusen per eye
Ccl2-/-
Ccr2-/-
Age (months)
c
d
Bruch membrane thickness (μm)
Wild-type
Ccl2-/-
Ccr2-/-
e
BM
CH
f
g
h
592.5
A2E
NPP
Relative intensity
m/z

Figure 1

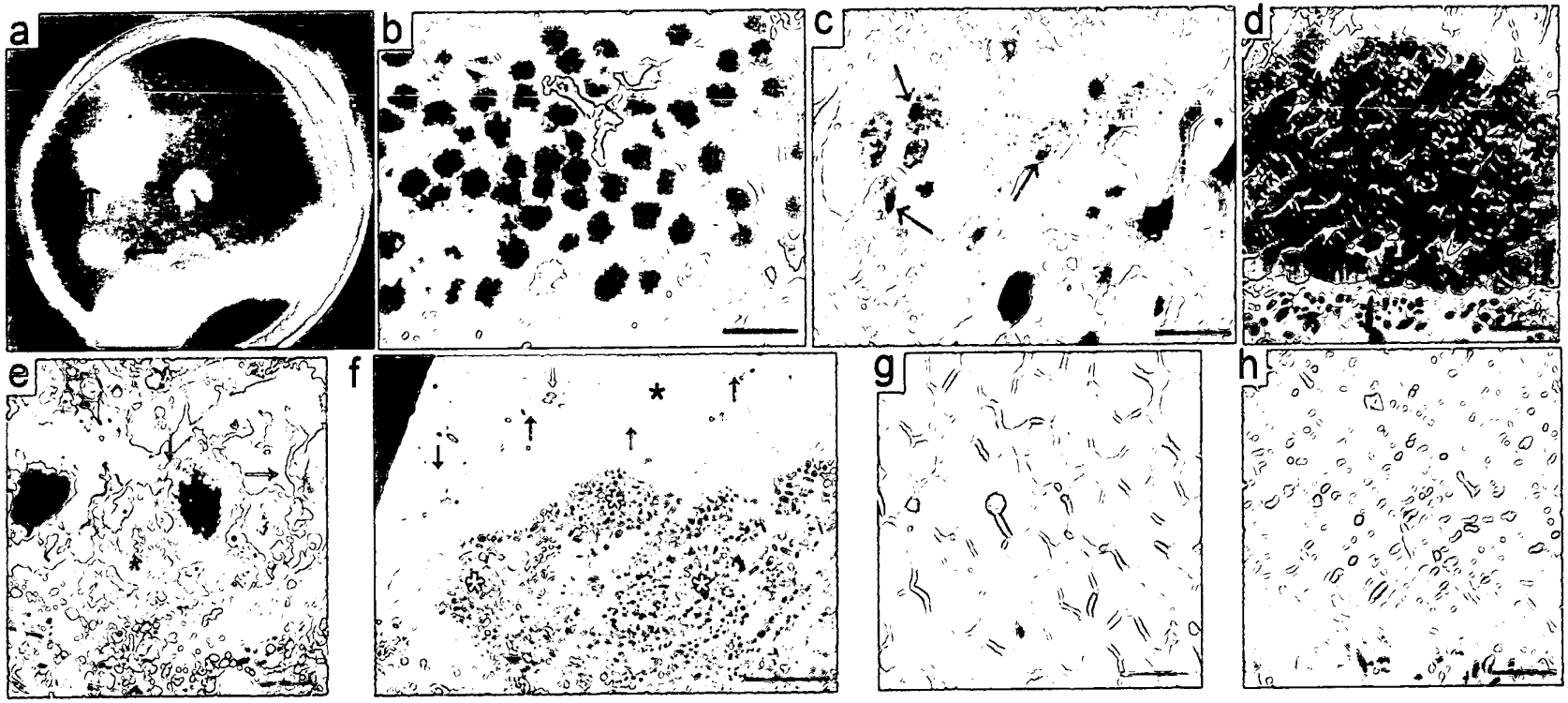
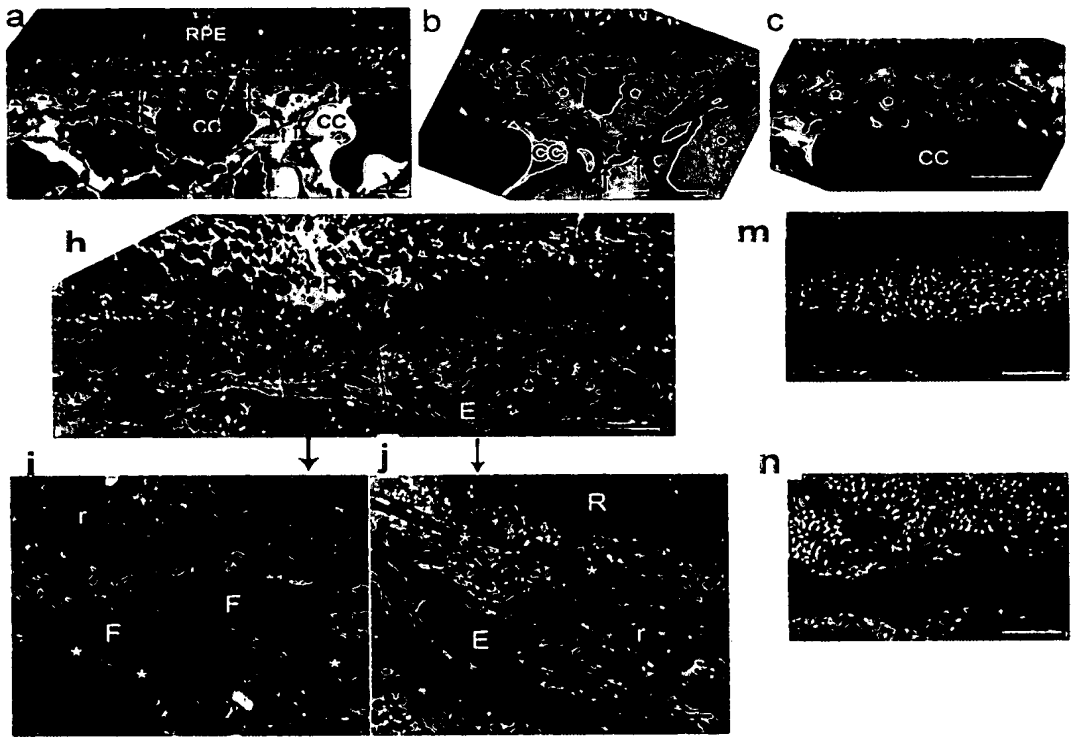
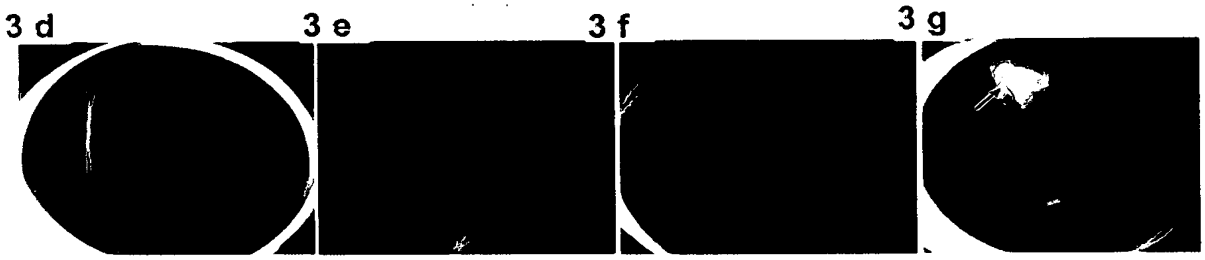



Figure 2



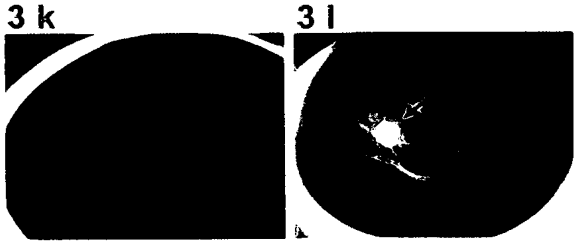
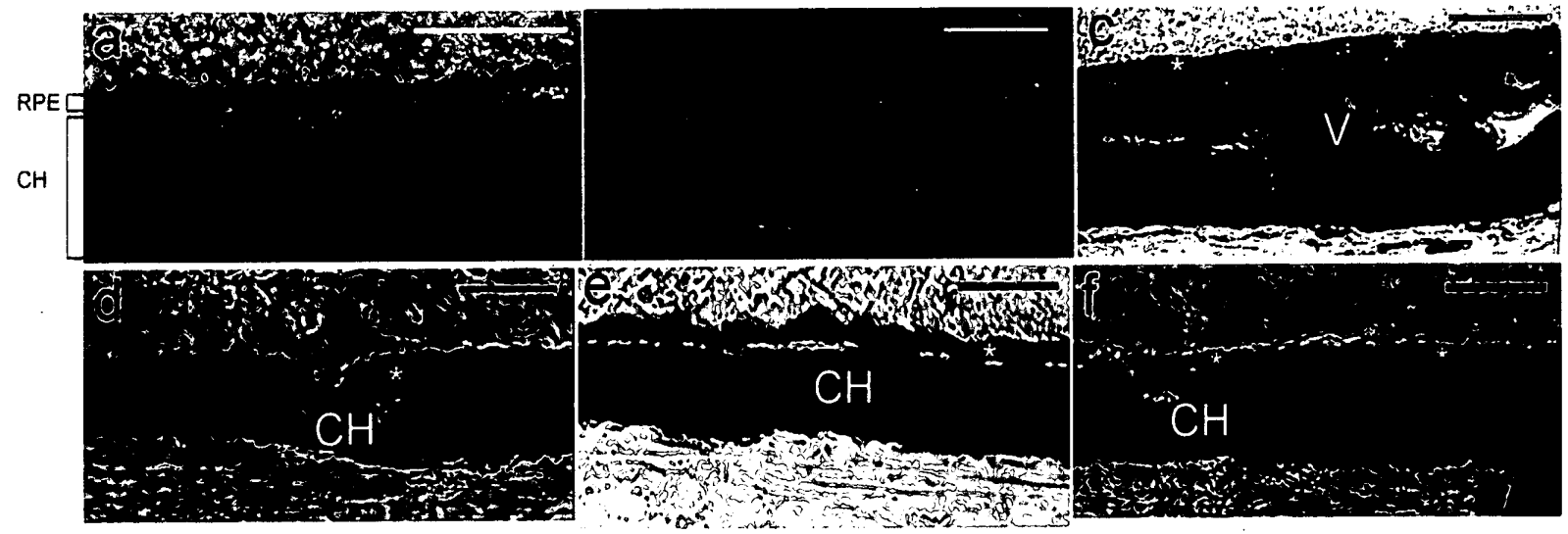
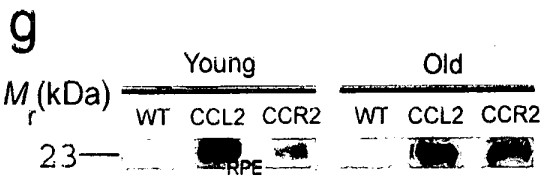




Figure 3


RPE
CH
a
b
c
V
d
CH
e
CH
f
CH


g
Young
Old
$M_r$(kDa)
WT
CCL2
CCR2
WT
CCL2
CCR2
23
RPE

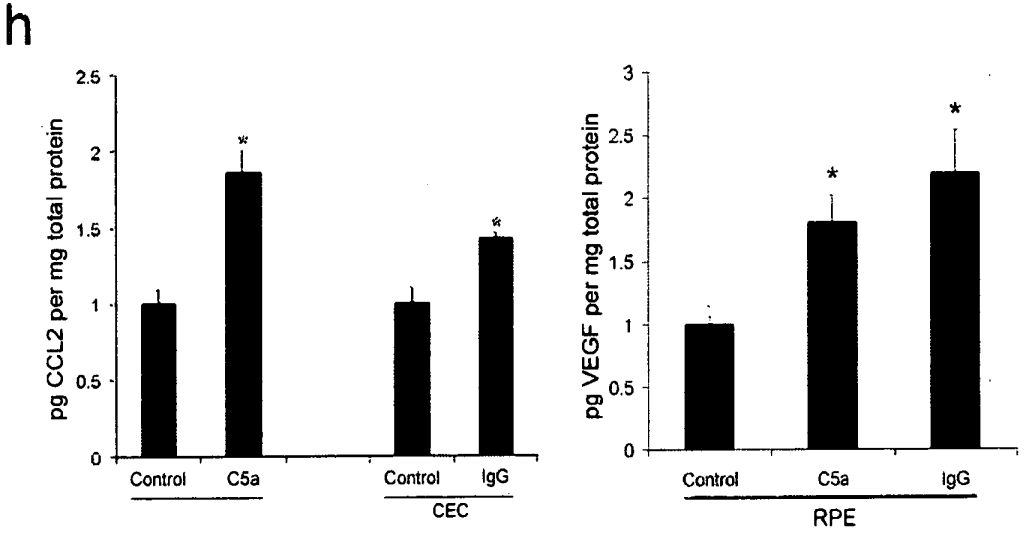

h
pg CCL2 per mg total protein
2.5
2
1.5
1
0.5
0
Control
C5a
Control
IgG
CEC
pg VEGF per mg total protein
3
2.5
2
1.5
1
0.5
0
Control
C5a
IgG
RPE

Figure 4

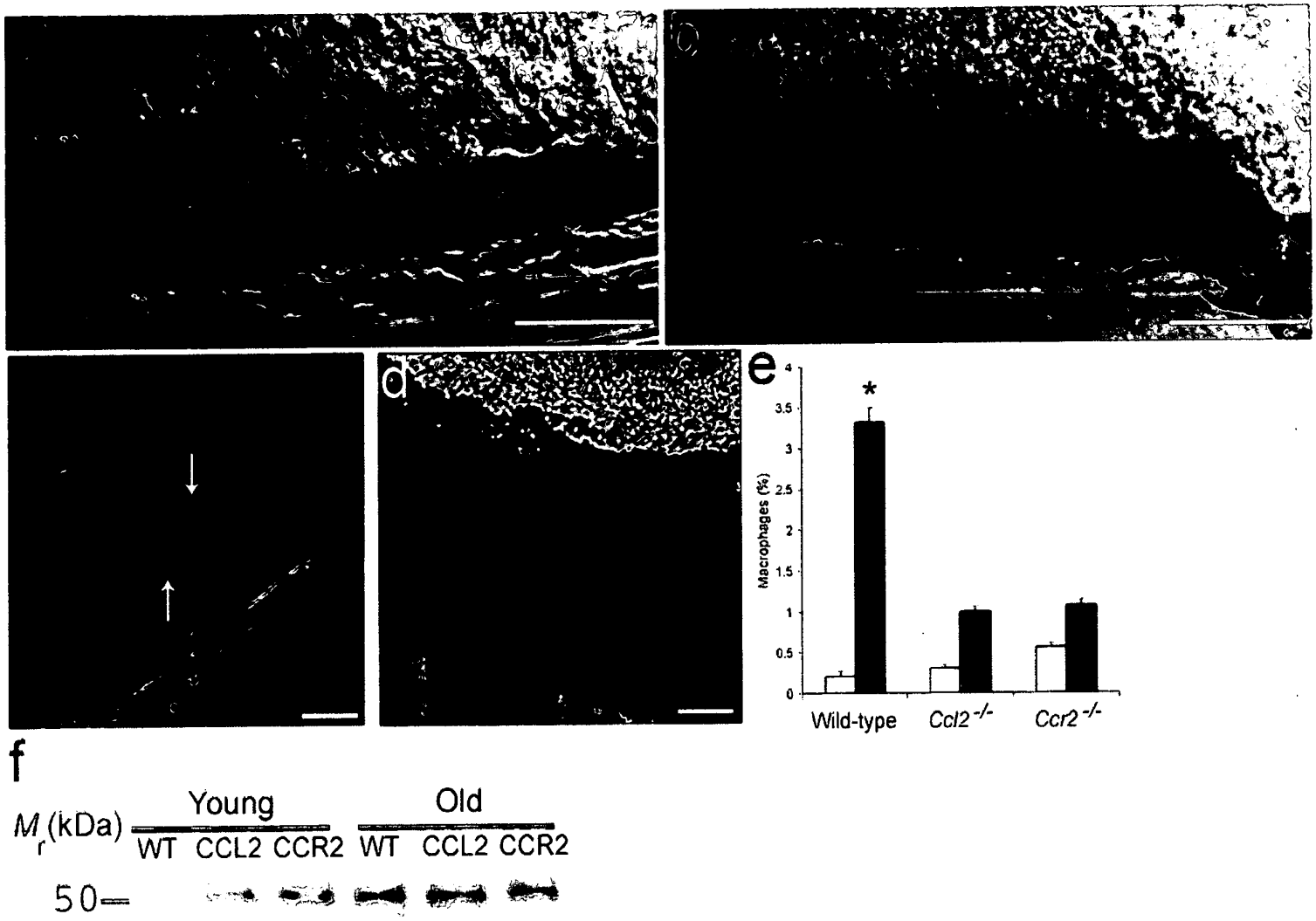

c
d
e
Macrophages (%)
0
0.5
1
1.5
2
2.5
3
3.5
4
*
Wild-type
Ccl2 -/-
Ccr2 -/-
f
Mr(kDa)
Young
Old
WT CCL2 CCR2 WT CCL2 CCR2
50

Figure 5

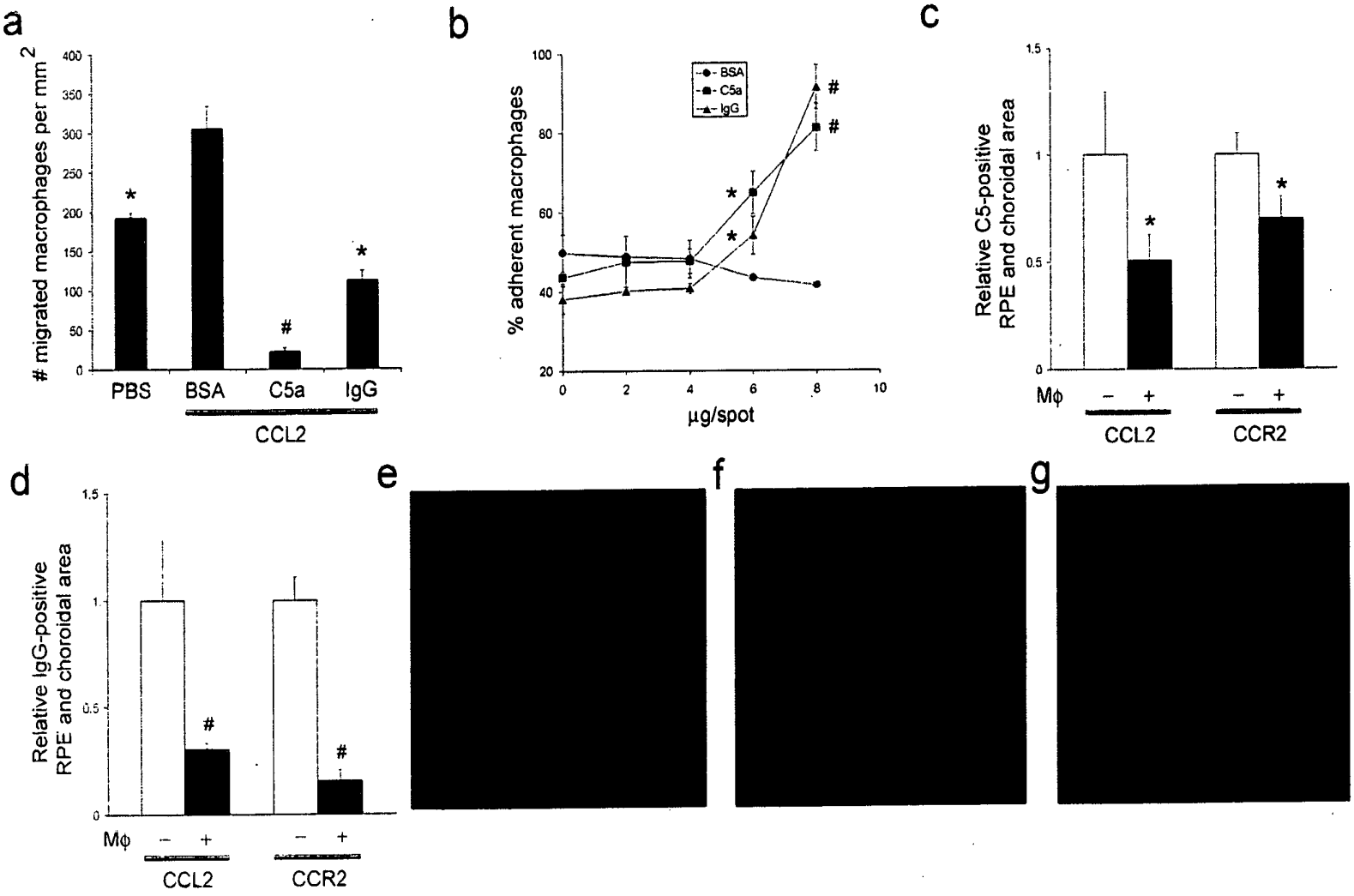

a
# migrated macrophages per mm2
PBS
BSA
C5a
IgG
CCL2
b
% adherent macrophages
BSA
C5a
IgG
µg/spot
c
Relative C5-positive RPE and choroidal area
Mϕ
CCL2
CCR2
d
Relative IgG-positive RPE and choroidal area
Mϕ
CCL2
CCR2
e
f
g

Figure 6